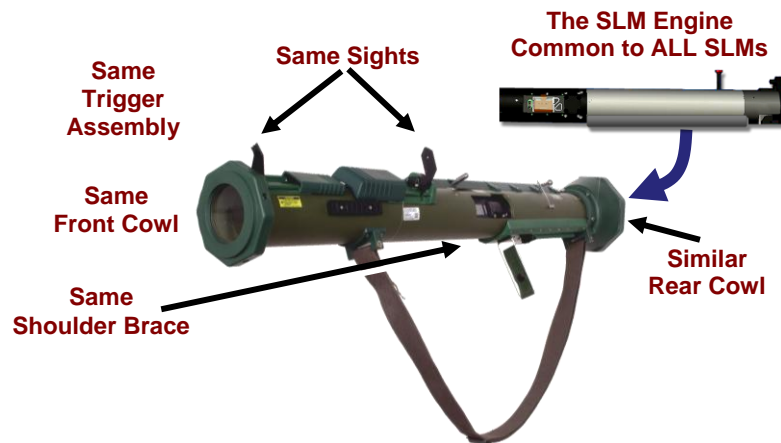


MULTIPLE INTEGRATED LASER ENGAGEMENT SYSTEM (MILES) SHOULDER LAUNCHED MUNITIONS (SLM)

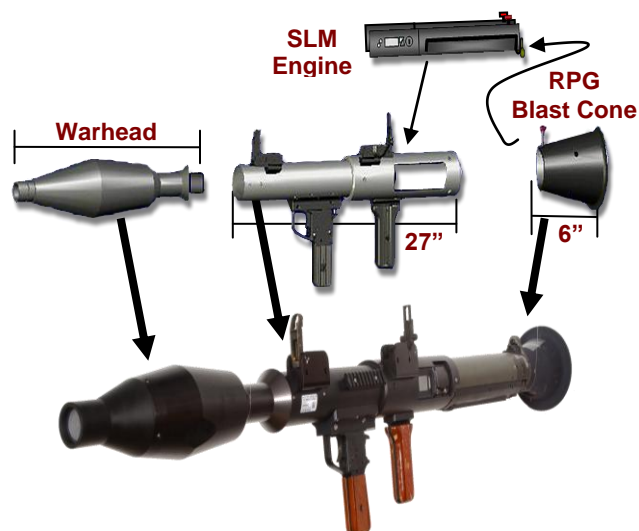
NSN 6920-01-568-4494
NSN 6920-01-568-3181
NSN 6920-01-568-3183

DVC 23-102/A
DVC 23-102/B
DVC 23-102/C

(MILES), (SLM), AT4 VISMOD
(MILES), (SLM), RPG7 VISMOD
(MILES), (SLM), Engine Assembly



AT4



RPG7

Training Category/Level Utilized:
Combat Arms/Level 3

Logistic Responsible Command, Service, or Agency:
PEO STRI, PM Field OPS

Source and Method of Obtaining:
Available through local TSC.

Purpose of Trainer:

The device is a component of the Multiple Integrated Laser Engagement System (MILES). MILES is a family of training systems which simulate the effects of direct-fire weapons at their operational ranges and operate in a fully integrated tactical training environment. MILES provides the capability for two-sided, real-time tactical engagement for realistic casualty assessments. Firing the weapon simulators is much like firing the actual weapons. However, instead of firing live ammunition, these simulators transmit harmless laser beams. To allow the simulation to be as real as possible the missiles use weapons effect simulators to simulate the noise, blast, and smoke of the actual weapons.

Functional Description:**AT4 Description**

The SLM systems are stand alone and operationally similar devices used by soldiers during force-on-force exercises. The SLM trainer used to simulate the AT4 is the most realistic of the systems and is shown above. When activated by placing it on one's shoulder and firing the trigger, it transmits a laser message which simulates the firing of a missile. It also can activate a pyrotechnic cue to simulate the back blast. It is powered from either an alkaline or Lithium magnesium 9 volt transistor style battery. The Pyrotechnic used for this simulation is the previously qualified M22.

RPG7 Description

The SLM representing the RPG7 is shown below. While its similarity to an actual weapon is less than the AT4 version, it looks very much like an actual weapon including a removable warhead. Like the AT4, it transmits a laser optical message and can trigger the same pyrotechnic device.

SLM Engine ASSY Description

The SLM Engine ASSY transmits a laser message which simulates the firing of a missile. It also can activate a pyrotechnic cue to simulate the back blast. It is powered from either an alkaline or Lithium magnesium 9 volt transistor style battery. The Pyrotechnic used for this simulation is the previously qualified M22.

Physical Information:

Transit Case is 43" L, 25" W, 12" H, 98 lbs
Each transit case contains 3 AT4 launchers

Equipment Required, Not Supplied:

ATWESS Cartridges

Special Installation Requirements:

None

Power Requirements:

9 vdc

Applicable Publications:

TM 9-6920-3692-10
TM 9 6920-3692-24&P

Reference Publications:

Infantry Manuals

Training Requirements Supported:

MOSC 11B, 19D